

REPAIR PROCEDURE & PARTS AND WARRANTY INFORMATION WARRANTY EXTENSION SSPD8

March 10, 2025 Update – Additional 2025 CX-5 vehicles added

SSPD8 - Check Engine Light ON with DTC P0126:00

WARRANTY EXTENSION

For certain 2018-2025MY CX-5, 2019-2023MY Mazda3, 2019-2022MY CX-3, 2018-2021MY Mazda6, 2020-2023MY CX-30 that are equipped with the suspected coolant control valve, the warranty coverage for specific repair of the fail-safe thermostat is extended to: 15 years (180 months) or 150,000 miles (240,000 km) whichever comes first, from the original warranty start date.

CONDITION OF CONCERN

On certain subject vehicles, the check engine light is illuminated with DTC P0126:00 (Thermostat stuck open) stored in memory and one or more of the following symptoms may occur:

- Engine takes longer to warm up.
- Engine temperature gauge fluctuates.
- Low coolant temperature indicator (blue) light stays on longer or turns on while driving.
- Poor heater performance, especially at idle.

SUBJECT VEHICLES

Model	Eng Type	Subject VIN range	Subject production date range
2018-2020 CX-5 MC built	SKYACTIV-G 2.5	JM3KF***** 300038 – 869654	From October 3, 2017 through August 25, 2020
2021-2025 CX-5 MC built	SKYACTIV-G 2.5	JM3KF***** 100003 – 617579	From July 21, 2020 through December 18, 2024
2019-2023 Mazda3, MC built	SKYACTIV-G 2.0 SKYACTIV-G 2.5	JM1BP***** 100042 - 623951	From September 25, 2018 through May 23, 2023
2019-2023 Mazda3, MMVO built	SKYACTIV-G 2.0 SKYACTIV-G 2.5	3MZBP***** 100048 - 384076	From January 15, 2019 through September 5, 2023
2019-2022 CX-3, MC built	SKYACTIV-G 2.0	JM1DK***** 400011 - 605934	From February 27, 2018 through June 8, 2022
2018-2021 Mazda6, MC built	SKYACTIV-G 2.5	JM1GL***** 300026 - 620105	From January 15, 2018 through November 12, 2021
2020-2023 CX-30, MMVO built	SKYACTIV-G 2.5	3MVDM***** 100056 - 589428	From September 26, 2019 through September 1, 2023

The asterisk symbol "*" can be any letter or number. Only VIN's in eMDCS Warranty Inquiry with SSPD8 displayed are covered

OWNER NOTIFICATION

Mazda will notify all U.S. owners of the subject vehicles by first class mail no later than November 21, 2024. Owners for added CX-5 vehicles in mid-March will be notified by March 31, 2025.

- Owners will be advised that they do not need to bring their vehicle to a dealer if it does not exhibit the affected condition.
- Owners will also be advised that any previous repair on the fail-safe thermostat or coolant control valve due to similar concern of this SSP will be eligible for reimbursement if the repair was performed at the owner's expense. Please refer the customer to the Owner Letter for reimbursement instructions.

REPAIR PROCEDURE

If you receive customer complaints about the check engine light ON with DTC P0126:00 with any of the symptoms mentioned above, verify the concerns and perform appropriate repair according to the Service Information [Technical Service Bulletin \(TSB\) No. 01-005/24](#).

Note: Please refer to the latest version of TSB.

PARTS INFORMATION

Parts Number	Description	Quantity	Notes
PYY2-15-SA1	Thermostat set	1	Component: Thermostat, thermostat cover gasket, thermostat cover, Water outlet gasket
PYFB-15-169	Water Outlet Gasket	1	Replacement part for lower radiator hose component
PE13-15-296	Connector	1	Replacement part for AT only
0000-77-508F-20	Coolant	2	7.4 L {7.8 US qt, 6.5 Imp qt} maximum

Dealers can use the Limited Parts Ordering (LPO) screen on eMDCS to order the repair parts. There is a weekly maximum allotment, which is displayed on the LPO screen. The LPO process and weekly quantity limit helps to ensure our supply is balanced across the U.S. dealer network and available for all customers.

WARRANTY CLAIM PROCESSING INFORMATION

Note: The repair on the subject vehicle within Powertrain Warranty period should be claimed under normal warranty according to the Technical Service Bulletin (TSB) 01-005/24.

- This warranty information is applicable to the repair on the subject vehicle beyond Powertrain Warranty period and the fail-safe thermostat is replaced due to the concern related to this SSPD8.
 - This warranty information is applicable only to the repair related to the DTC P0126:00.
 - **If the check engine light illumination is not related to the DTC P0126:00, the expenses incurred for inspection and diagnosis will not be covered under this warranty extension SSP.**

Out of Powertrain Warranty - Replacement of Fail-safe Thermostat			
Process Number	AR050A		
Symptom Code	6X (Warning Light ON/Flashing)		
Damage Code	9K (Poor sealing)		
Part Number Main Cause & Quantity	PYY2-15-SA1 & 1		
Related Part Number & Quantity	PYFB-15-169 & 1 PE13-15-296 & 1 (for AT only) 0000-77-508F20 & 2 (Max. 7.4L coolant)		
Labor Operation Number & Labor Hours	Operation No.	Labor hours	Applicable models
	XXWPDARX	1.5 hrs.	- Mazda3 (BP) - CX-3 (DK) - CX-30 (DM)
	XXWPDCRX	1.6 hrs.	- CX-5 (KF) - Mazda6 (GL)
Period Covered	Out of Powertrain Warranty period, and Within 15 years/150,000 miles (240,000 km) from original Warranty Start Date		

RENTAL CAR INFORMATION

Rental expenses exceeding the two-day limit or over the per day limit set by Mazda Warranty policy will require prior Warranty Department Authorization prior to giving the rental to the customer regardless of the reason. Please refer to the Mazda Rental Car Reimbursement Program policy in the Mazda Warranty Policies and Procedures Manual.

Mazda recommends the usage of the MCVP loaner vehicle when available. If all MCVP loaner vehicles are in use and unavailable, and the customer needs a rental car, then use your local rental facility and offer a rental car. Be sure that every effort is made to repair the car within one business day or less, so the next customer can receive the same experience.

Rental Car Warranty Claim Information

	MCVP Vehicle Preferred	Rental Agency Vehicle or Ride Share (Uber, Lyft, Taxi)
Warranty Type Code	N/A MCVP does not require claim submission	A
Symptom Code		99
Damage Code		99
Part Number Main Cause		5555-SS-PD8R
Part Quantity		0
Labor Operation Code		MM024XRX
Labor Hours		0
Sublet – Rental Car		
Sublet Invoice Number		Number from Rental Invoice or Dealer Purchase Order
Sublet Type Code		Enter "Z9" (other)
Sublet Amount		Up to \$30.00 for rideshare, or per day for the number of days customer had rental car
Sublet Text		Number of days rental car was supplied to customer